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(54) STEEP WAVE VOLTAGE GENERATOR

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a steep wave voltage generator by which a steep wave voltage having a stable waveform can be obtained.

SOLUTION: This steep wave voltage generator comprises an impulse generating circuit 2, which is composed of charging capacitors CG charged by DC voltages and spark gaps 3 connected in series to the charging capacitors CG, and a peaking circuit 5, which is composed of a wave front regulating capacitor CP for charging charge fed from the impulse generating circuit 2 and a discharge gap 6 connected in series to the wave front regulating capacitor CP. A discharge resistor R_c is connected between the impulse generating circuit 2 and the discharge gap 6.

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